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#10

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

GHESQUIERE et al

Serial No. 10/023,476

Filed: December 20, 2001

Atty. Ref.: 1721-42

Group: 1632

Examiner:

For: MEANS FOR IDENTIFYING THE LOCUS OF A MAJOR RESISTANCE GENE TO THE RICE YELLOW MOTTLE VIRUS, AND THEIR APPLICATIONS

* * * * * * * * * * * *

June 13, 2002

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

STATEMENT

The attached paper and computer readable copies of the Sequence Listing are the same. No new matter has been added.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: _____

B. J. Sadoff
Reg. No. 36,663

BJS:plb
1100 North Glebe Road, 8th Floor
Arlington, VA 22201-4714
Telephone: (703) 816-4000
Facsimile: (703) 816-4100

Does Not Comply OIPE
Corrected Diskette Needed

RAW SEQUENCE LISTING DATE: 03/21/2002
PATENT APPLICATION: US/10/023,476 TIME: 10:13:35

Input Set : A:\sequence listing.txt
Output Set: N:\CRF3\03212002\J023476.raw

→ The type of errors shown exist throughout the Sequence Listing. Please check subsequen sequences for similar errors.

```
      3 <110> APPLICANT: I.R.D. and ADRAO
      5 <120> TITLE OF INVENTION: Means for identifying the locus of a major resistance
      6       gene with respect to the virus of the rice yellow mottle virus
      7       and uses thereof".
      9 <130> FILE REFERENCE: 59783-1421
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/023,476
C--> 12 <141> CURRENT FILING DATE: 2001-12-20
     14 <150> PRIOR APPLICATION NUMBER: 9907831
     15 <151> PRIOR FILING DATE: 1999-06-21
     17 <160> NUMBER OF SEQ ID NOS: 12
     19 <170> SOFTWARE: PatentIn Ver. 2.1
     21 <210> SEQ ID NO: 1
     22 <211> LENGTH: 16
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     24 <213> ORGANISM: Artificial sequence
     26 <220> FEATURE:
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     56 aaggaaaagg aggaaatcga agttatgctg gaggggcttg acctaagggc agatgaggag 180
     57 gaggatgtgg aattggagga agatctagag gagcttgagg cagatgcaag atggctagcc 240
     58 ctagccacag ttcatacgaa gcgatcgttt agtcaagggg ctttctttgg gagtatgcgc 300
     59 tcagcatgga actgcgcgaa agaagtagat ttcagagcaa tgaaagacaa tctgttctcg 360
     60 atccaattca attgtttggg ggattgggaa cgagttatga atgaaggtcc atggaccttt 420
     61 cgaggatgtt cggtgctcct cgcagaatat gatggctggt ccaagattga at         472
     64 <210> SEQ ID NO: 4
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→ must explain genetic Source; see Error Summary Sheet item 1!

RAW SEQUENCE LISTING DATE: 03/21/2002
PATENT APPLICATION: US/10/023,476 TIME: 10:13:35

Input Set : A:\sequence listing.txt
Output Set: N:\CRF3\03212002\J023476.raw

65 <211> LENGTH: 21
66 <212> TYPE: DNA
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69 <220> FEATURE:
70 <223> OTHER INFORMATION: Description of Artificial sequence:Nucleotide
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88 <210> SEQ ID NO: 6
89 <211> LENGTH: 21
90 <212> TYPE: DNA
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103 <213> ORGANISM: Artificial sequence
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113 <211> LENGTH: 21
114 <212> TYPE: DNA
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135 a 121

RAW SEQUENCE LISTING DATE: 03/21/2002
PATENT APPLICATION: US/10/023,476 TIME: 10:13:35

Input Set : A:\sequence listing.txt
Output Set: N:\CRF3\03212002\J023476.raw

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153 <213> ORGANISM: Artificial sequence
155 <220> FEATURE:
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163 <211> LENGTH: 19
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171 attcacccca tgccctaag 19

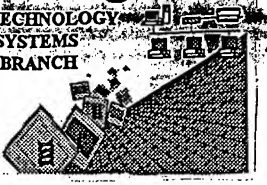
VERIFICATION SUMMARY DATE: 03/21/2002
PATENT APPLICATION: US/10/023,476 TIME: 10:13:36

Input Set : A:\sequence listing.txt
Output Set: N:\CRF3\03212002\J023476.raw

L:11 M:270 C: Current Application Number differs, Replaced Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

0570
0320

BIOTECHNOLOGY SYSTEMS BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/023,476
Source: OIPE
Date Processed by STIC: 3/21/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>, **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. **Hand Carry directly to:**
   U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
   Or
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. **Federal Express, United Parcel Service, or other delivery service to:** U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

Raw Sequence Listing Error Summary

OIPE

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10/023,476

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1	Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2	Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.
3	Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
4	Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
5	Variable Length	Sequence(s)____contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6	PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
7	Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
8	Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000
9	Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
10	Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
11	√ Use of <220>	Sequence(s) All missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
12	PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
13	Misuse of n	n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.